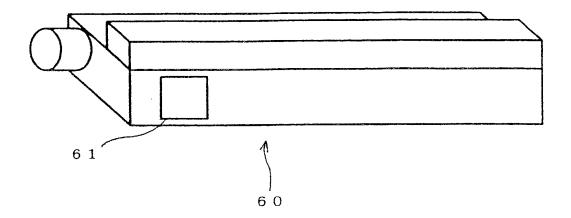
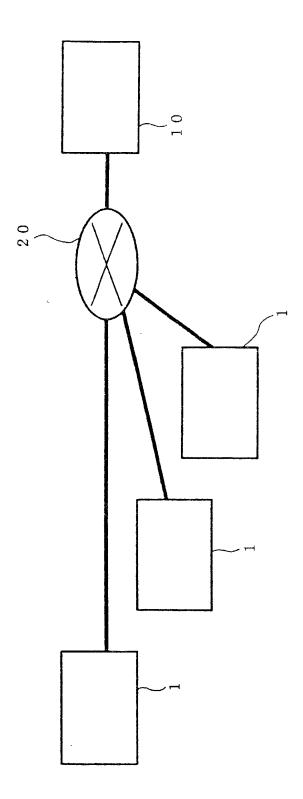
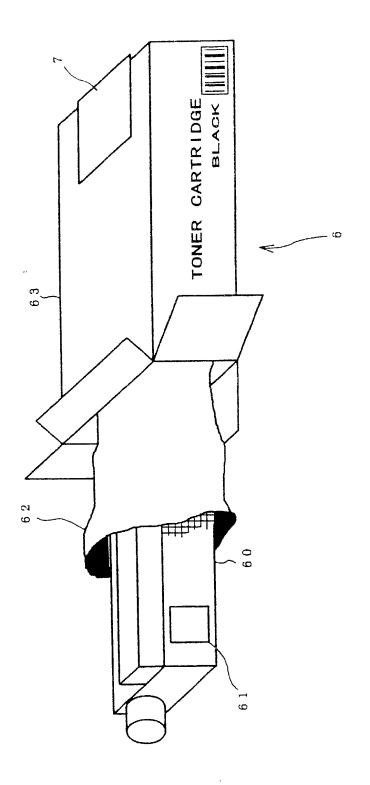


FIG. 2









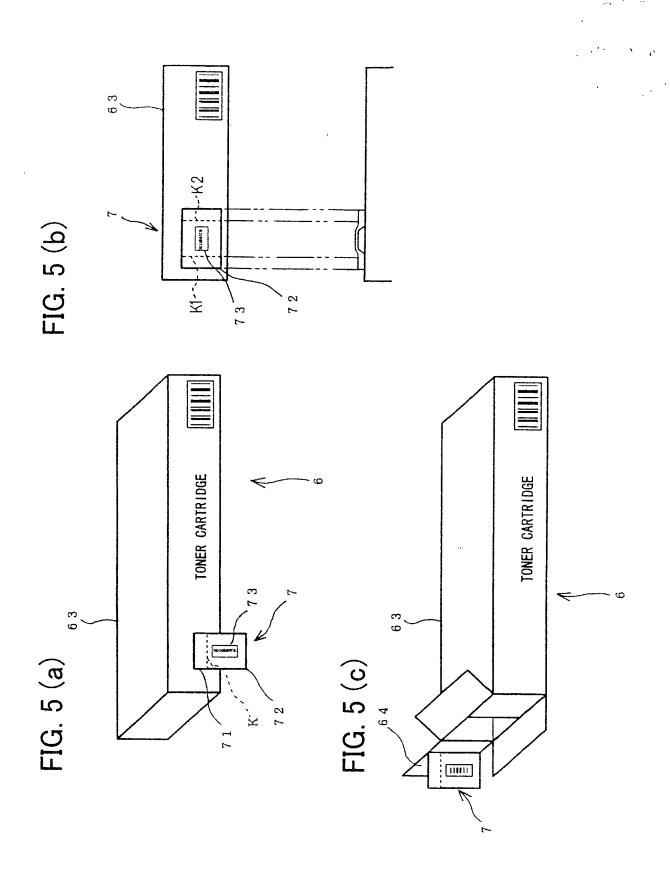


FIG. 6 (a)

PRODUCT-IN-CIRCULATION DATA TABLE [1]

CURRENT DATA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
0000 0000 0000 0101 0000		3	CHARGED
0000 0000 0000 0101 0001	BLACK TONER CARTRIDGE	1	CHARGED
0000 0000 0000 0101 0010	FOR AR-2000	2	UNCHARGED
			•••
0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE	0	CHARGED
0100 0000 0000 0000 0101	FOR AR-2000	0	UNCHARGED
•••	FOR AR=2000	•••	
0100 0000 0000 0000 1100	MAGENTA TONER	0	CHARGED
0100 0000 0000 0000 1101	CARTRIDGE FOR AR-2000	0	UNCHARGED
•••	CARTRIDGE FOR AR-2000	• • •	• • •
1100 0000 0000 0000 0111	CYAN TONER CARTRIDGE	0	CHARGED
1100 0000 0000 0000 1000	FOR AR-2000	0	UNCHARGED
	•••	•••	• • •

FIG. 6 (b)

PRODUCT-IN-CIRCULATION DATA TABLE [1]

CURRENT TADA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
0000 0000 0000 0101 0000		3	CHARGED
0000 0000 0000 0101 0001	BLACK TONER CARTRIDGE	1	CHARGED
0000 0000 0000 0101 0010	FOR AR-2000	2	UNCHARGED
•••		•••	• • •
0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE	0	CHARGED
0100 0000 0000 0000 0101	FOR AR-2000	I	UNCHARGED
	FOR AR-2000		•••
0100 0000 0000 0000 1100	MAGENTA TONER	0	CHARGED
0100 0000 0000 0000 1101	CARTRIDGE FOR AR-2000	1	UNCHARGED
••	CARTRIDGE FOR AR-2000	• • •	•••
1100 0000 0000 0000 0111	CYAN TONER CARTRIDGE	0	CHARGED
1100 0000 0000 0000 1000	FOR AR-2000	1	UNCHARGED
•••	•••		

FIG. 6 (c)

PRODUCT-IN-CIRCULATION DATA TABLE [2]

CURRENT TADA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	THE NUMBER OF TIMES COLLECTED N	ACCOUNTING
•••			•••
0010 0000 0000 0000 0000		0	CHARGED
0010 0000 0000 0000 0001	APPLICATION SOFTWARE	2	UNCHARGED
0010 0000 0000 0000 0010	"DATA SEARCH" Ver. 1.0	2	UNCHARGED
•••		•••	
0010 0000 0000 1000 0000		0	CHARGED
0010 0000 0000 1000 0001	APPLICATION SOFTWARE	1	CHARGED
0010 0000 0000 1000 0010	"DATA SEARCH" Ver. 2.0	1	UNCHARGED
•••			•••
•••	•••		
0010 0001 0000 0000 0000	APPLICATION SOFTWARE	0	CHARGED
0010 0001 0000 0000 0001	"TRANSLATION ASSISTANT"	0	CHARGED
0010 0001 0000 0000 0010		1	UNCHARGED

FIG. 7 (a)

CONTRACT SIGNER TABLE[1]

METHOD F OF						
DATE OF CONTRAC SIGNED						
ADDRES E NO. CONTRACT OF SIGNED PAYMENT	,					
EMAIL ADDRES S						
STREET ADDRESS						
		GENERAL AFFAIRS DEPARTMENT	000003 C CO., LTD. ABC DIVISION	000004 C CO., LTD. XYZ DIVISION		
ID CONTRACT SIGNER	000001 A CO., LTD.	B INC.	C CO., LTD.	C CO., LTD.		
ID NUMBER	000001	000002 B INC.	000003	000004	000000	:

FIG. 7 (b)

CONTRACT SIGNER TABLE[2]

FIG. 8 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER 1D 000125

GAPTRIBLE	DATE OF		INSTALLED CARTRIDGE DATA	TRIDGE DAT	,A	THE NUMBER	CORRESPONDING SPARE CARTRIDGE
	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGENTA	· N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYAN	N/A	N/A	V/N	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 8 (b) SPARE CARTRIDGE DATA

			П.	-	T-		-				,	.,	_
CANCEI.	THE NUMBER OF	TIMES COLLECTED N	N/A										
REGISTER	ł	STATUS	N/A										
03/22/2000/15:58 CONFIRM		UNIQUE DATA	N/A										
DATE	RIDGE DATA	MODEL DATA	N/A										
	SPARE CARTRIDGE DATA	COLOR DATA (FIRST TWO DIGITS)	N/A										
RE		LATION FULL DATA (FULL DIGITS)	N/A										
AR-2000 LIBRE 000125	DATE OF	INSTAL	N/A										
MACHINE MODEL AR-2000 CONTRACT SIGNER ID 000125		No. DATE OF DELIVERY	N/A										
		No.		2	3	4	5	9	7	8	6	10	

FIG. 9 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT STGNER ID 000125

arab avitubary	DATE OF		INSTALLED CARTRIDGE DATA	3 DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAMINIDOE LYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	N/A	N/A	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	V/N	V/N	N/A	N/A	N/A
MAGENTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/N	N/A	N/A	N/A	N/A	V/N	N/A

FIG. 9 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

03/21/2000/15:58 CONFIRM DATE

		30 31,70				SPARE CARTRIDGE DATA)ATA			אימממוזי	THE NUMBER OF
ġ.	No. DATE OF DELIVERY INSTALLATION FULL DATA (FULL DIGITS)	INSTALLATION	FULL I	DATA (FULL	. DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA		STATUS	TIMES COLLECTED N
	3/22/2000	_	0 0000	0000 0000	0101 0000	0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0000 0101 0000 NEW (SPARE)	AR-2000	1010 0000 0000	N 0000	EW (SPARE)	3
2	3/22/2000		0 0010	0000 0000	0000 0100	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0000 0100 NEW (SPARE)	AR-2000	0000 0000 0000	0100 N	EW (SPARE)	0
3	3/22/2000	****	1000 0	0000 0000	0000 1100	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100 NEW (SPARE)	AR-2000	0000 0000 0000	1100 N	EW (SPARE)	0
4	3/22/2000		0 00:1	0000 0000	0000 0111	1:00 0000 0000 0000 0111 CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 0111 NEW (SPARE)	N 1110	EW (SPARE)	0
5	3/22/2000	ļ	0 0000	0000 0000	1000 1010	3000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001 NEW (SPARE)	AR-2000	0000 0000 0101	N 1000	EW (SPARE)	
9	3/22/2000	-	0100 0	000 000	1010 0000	0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0000 0101 NEW (SPARE)	AR-2000	0000 0000 0000	N 1010	EW (SPARE)	0
7	3/22/2000		1000 0	0000 000	1011 0000	1000 0000 0000 0000 1101 MACENTA TONER(10) AR-2000 0000 0000 0000 1101 NEW (SPARE)	AR-2000	0000 0000 0000	1101	EW (SPARE)	0
8	3/22/2000	-	1100 0	0000 000	0001 0000	1100 0000 0000 0000 1000 CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 1000 NEW (SPARE)	N 0001	EW (SPARE)	0
9	•										
10	•										
									-		

FIG. 10 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

SANTER TANDE	DATE OF		INSTALLED CARTRIDGE DATA	3 DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAKIKIDOE ITPE	REPLACEMENT	FULL DATA (FULL DIGITS) COLOR DATA (FIRST 1)	COLOR DATA (FIRST TWO DIGITS)	MODEL. DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	3/22/2000	3/22/2000 0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0000 0101 0000	BLACK TONER (00)	AR-2000	0000 0000 0101 0000	3	1 (No. 1)
YELLOW	3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	YELLOW TONER(01)	AR-2000	0000 0000 0000 0000	0	1 (No. 2)
MAGENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 1100	MAGENTA TONER (10)	AR-2000	0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 00011	CYAN TONER(11)	AR-2000	0000 0000 0111	0	1 (No. 4)
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 10 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

03/22/2000/16 45 CONFIRM

CANCEL

		SIO SILVO			SPARE CA	SPARE CARTRIDGE DATA	ATA			TIME THE	THE NUMBER OF
o	No. DATE OF DELIVERY INSTALLATIO		FULL DATA	FULL DATA (FULL DIGITS)		COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	DATA	STATUS	TIMES COLLECTED N
ı — I	3/22/2000	3/22/2000	0000 0000	0000 0101 00	OOO BLACK To	ONER (00)	AR-2000	3/22/2000 0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0000 0101 0000 IN USE	101 0000	IN USE	3
2	3/22/2000	3/22/2000	0100 0000	0000 0000 01	100 YELLOW 1	FONER (01)	AR-2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	000 0100	IN USE	0
က	3/22/2000	3/22/2000	1000 0000	0000 0000	100 MAGENTA	TONER (10)	AR-2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 6000 0000 0100	000 1100	IN USE	0
4	3/22/2000	3/22/2000	0000 0011	0000 0000 01	111 CYAN TC)NER (11)	AR-2000	1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0111	000 0111	IN USE	0
ഥ	3/22/2000		0000 0000	0000 0101 00	001 BLACK To	ONER (00)	AR-2000	0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001 NEW (SPARE)	101 0001	NEW (SPARE)	-
9	3/22/2000	1	0100 0000 (0000 0000	OI YELLOW T	ONER (01)	AR-2000	0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0000 0101 NEW (SPARE)	000 0101	NEW (SPARE)	0
7	3/22/2000		1000 0000	0000 0000 11	01 MAGENTA	TONER (10)	AR-2000	1000 0000 0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 0000 1101 NEW (SPARE)	1011 000	NEW (SPARE)	0
8	3/22/2000		1100 0000 (1100 0000 0000 0000 1000 CYAN TONER(11)	000 CYAN TO		AR-2000	AR-2000 0000 0000 0000 1000 NEW (SPARE)	0001 000	NEW (SPARE)	0
6	•										
	•										

FIG. 11 (a) INSTALLED CARTRIDGE DATA

LIBRE	
AR-2000	(D) 000125
MACHINE MODEL	CONTRACT SIGNER ID

CABTDINCE TVDE	DATE OF	21	INSTALLED CARTRIDGE DATA	DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CANINIDOE HFE	REPLACEMENT	FULL DATA (FULL DIGITS) COLOR DATA (FIRST TWO DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	6/12/2000	6/12/2000 0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001	BLACK TONER (00)	AR-2000	0000 0000 0101 0001	_	0 (No. 5)
YELLOW	3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	YELLOW TONER(01)	AR-2000	0000 0000 0000 0000	0	1 (No. 2)
MAGENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0100	MAGENTA TONER(10)	AR-2000	0000 0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0111	CYAN TONER(11)	AR-2000	0000 0000 0000	0	I (No. 4)
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	V/N	N/A

06/12/2000/10:56

DATE

FIG. 11 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

i	CONTRACT SIGNER ID 000125	000125				CONFIRM	REGISTER	CANCEL
l		DATE OF		SPARE CARTRIDGE DATA	ATA		CHENE	THE NUMBER OF
9	No. DATE OF DELIVERY INSTALLATION FULL	INSTALLATION	N FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	TIMES COLLECTED N
	3/22/2000	3/22/2000 0000	0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0000 0101 0000	BLACK TONER (00)	AR-2000	0000 1010 0000 0000	ORED	3
2	3/22/2000	3/22/2000	0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	YELLOW TONER(01)	AR-2000	0010 0000 0000 0000	IN USE	0
က	3/22/2000	3/22/2000	1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100	MAGENTA TONER(10)	AR2000	0000 0000 0000 1100	IN USE	0
4	3/22/2000	3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11)	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 0111	IN USE	0
5	3/22/2000	6/12/2000	0000 0000 0000 0101 0001 BLACK TONER(00)	BLACK TONER (00)	AR-2000	AR-2000 0000 0000 0101 0001	IN USE	
6	3/22/2000	_	0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0000 0101 NEW (SPARE)	YELLOW TONER(01)	AR-2000	0000 0000 0000 0101	NEW (SPARE)	0
7	3/22/2000		1000 0000 0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 0000 1101 NEW (SPARE)	MAGENTA TONER(10)	AR-2000	0000 0000 0000 1101	NEW (SPARE)	0
8	3/22/2000	_	1100 0000 0000 0000 1000 CYAN TONER(11)	CYAN TONER(11)	AR-2000	AR-2000 0000 0000 0000 1000 NEW (SPARE)	NEW (SPARE)	0
9	•							-
10	٠							

FIG. 12 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

Total Pool of the	DATE OF	VI.	INSTALLED CARTRIDGE DATA	DATA		THE NUMBER OF	CORRESPONDING SPARE CARTRIDGE
CAKIKIDGE IYPE	REPLACEMENT	FULL DATA (FULL DIGITS) COLOR DATA (FIRST TWO DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	COLLECTED N	No.
BLACK	6/12/2000	6/12/2000 0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001	BLACK TONER (00)	AR-2000	1000 1010 0000 0000	1	1 (No. 5)
YELLOW	3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	YELLOW TONER(01)	AR-2000	0010 0000 0000 0000	0	1 (No. 2)
MAGENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 1100	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	0	1 (No. 3)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0111	CYAN TONER(11)	AR-2000	0000 0000 0000 0111	0	1 (No. 4)
PHOTOSENSITIVE BODY	N/A	. N/A	N/A	N/A	N/A	N/A	N/N

FIG. 12 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT STGNER ID 000125

06/20/2000/10:56 CONFIRM DATE

CHAPPENT THE NUMBER OF	UNIQUE DATA	AR-2000 0000 0000 0101 0000 USED 3	00 0000 0000 0000 0100 IN USE 0	00 0000 0000 0000 1100 IN USE 0	00 0000 0000 0000 0111 IN USE 0	00 0000 0000 0101 0001 IN USE 1	00 0000 0000 0000 0101 COLLECTED —	00 0000 0000 0000 1101 COLLECTED —	AR-2000 0000 0000 0000 1000 COLLECTED	AR-2000 0000 0000 0101 0010 NEW (SPARE) 2		
SPARE CARTRIDGE DATA	COLOR DATA (FIRST MODEL 1WO DIGITS) DATA	BLACK TONER(00) AR-20	YELLOW TONER(01) AR-20	$AAGENTA_{A} = ABBR_{A} = AB_{A}$	CYAN TONER(11) AR-20	BLACK TONER(00) AR-20	YELLOW TONER(01) AR-20	AGENTA TONER (10) AR-20	CYAN TONER(11) AR-20			
	No. DATE OF DELIVERY INSTALLATION FULL DATA (FULL DIGITS)	3/22/2000 0000 0000 0000 0101 0000 BLACK TONER(00)	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0000 0100	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0100	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0111	6/12/2000 0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001	COLLECTED 0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0101	COLLECTED 1000 0000 0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 1101	COLLECTED 1100 0000 0000 0000 1000 CYAN TONER(11)	0000 0000 0000 0101 0010 BLACK TONER(00)		
OATE OF	INSTALLATION	3/22/2000	3/22/2000	3/22/2000	3/22/2000	6/12/2000	COLLECTED	COLLECTED	COLLECTED			
	DATE OF DELIVERY	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	3/22/2000	6/20/2000	•	
	No.		2	3	4	5	9	7	∞	6	10	

FIG.13

ACCOUNTING (PERIOD: MARCH 16, 2000 - APRIL 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	BLACK TONER CARTRIDGE	k3	3/22/2000	1	Pb	Pb*k3
2	YELLOW TONER CARTRIDG	1	3/22/2000	1	Ру	Ру
3	MAGENTA TONER CARTRID	1	3/22/2000	1	Pm	Pm
4	CYAN TONER CARTRIDGE	1	3/22/2000	1	Pc	Pc
5						
TOTAL					Δ	$\Delta \Delta \Delta \Delta$. Δ

LIST[2]

ACCOUNTING (PERIOD: APRIL 16, 2000 -MAY 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	NO DATA					0
2						
3						
4						
5						
TOTAL						0

ACCOUNTING LIST[3]

(PERIOD: MAY 16, 2000 - JUNE 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: AR-2000 LIBRE

No.	PRODUCT		DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1 2 3 4 5	BLACK TONER CARTRIDGE	k1	6/12/2000	1	Pb	Pb*k1
TOTAL						Pb*k1



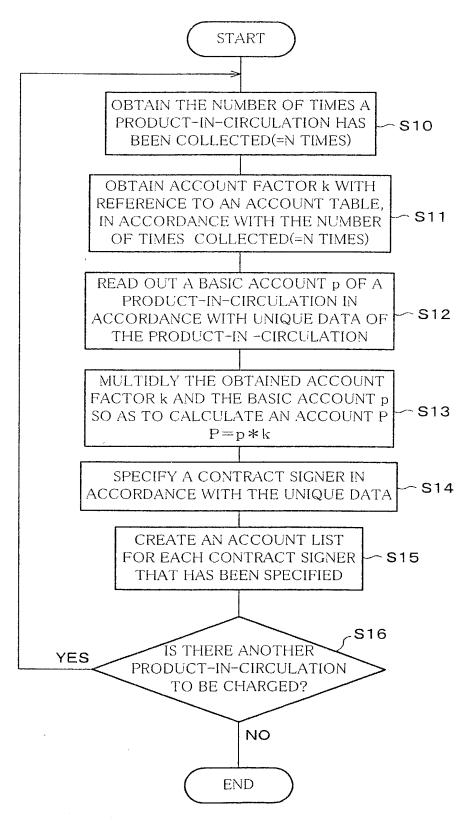


FIG. 15

ACCOUNT FACTOR TABLE [1]

NUMBER OF TIMES COLLECTED(=N TIMES)	ACCOUNT FACTOR k
N 0 : 0	k 0 = 1
N 1 : 1	k 1
N 2 : 2	k 2
N 3 ; 3	k 3
N4:4	k 4

However, $k0 > k1 > k2 \cdots$

FIG.16 (a)

BASIC ACCOUNT TABLE [1]

UNIQUE DATA	REMARKS	BASIC ACCOUNT p
XXXX XXXX XXXX XXXX 0000	BLACK TONER CARTRIDGE FOR AR-2000	p 1
•	i	:
0100 XXXX XXXX XXXX	YELLOW TONER CARTRIDGE FOR AR-2000	p 2
	•	:
1000 XXXX XXXX XXXX	MAGENTA TONER CARTRIDGE FOR AR-2000	p 3
		:
1100 XXXX XXXX XXXX	CYAN TONER CARTRIDGE FOR AR-2000	p 4
•••		:

XXXX IS ARBITRARY 0 or 1

FIG.16 (b)

BASIC ACCOUNT TABLE [2]

UNIQUE DATA	REMARKS	BASIC ACCOUNT p'
0010 0000 XXXX XXXX	0010 0000 XXXX XXXX (APPLICATION SOFTWARE "DATA SEARCH"	p 1,
:	:	:
0010 0001 XXXX XXXX XXXX	0010 0001 XXXX XXXX XXXX APPLICATION SOFTWARE "TRANSLATION ASSISTANT"	p 2,
•••		::
1100 XXXX XXXX XXXX UNRECORDED VHS TAPE	UNRECORDED VHS TAPE	p 3 ,
:	:	•
1101 XXXX XXXX XXXX JUNRECORDED DV TAPE	UNRECORDED DV TAPE	p 4,
:		:
0100 0000 XXXX XXXX XXXX DVD VIDEO "XXX"	DVD VIDEO "XXX"	p 5 '
÷	-	

XXXX IS ARBITRARY 0 or 1

UNIQUE DATA-CONTRACT SIGNER ID TABLE

FIG. 17 (a)

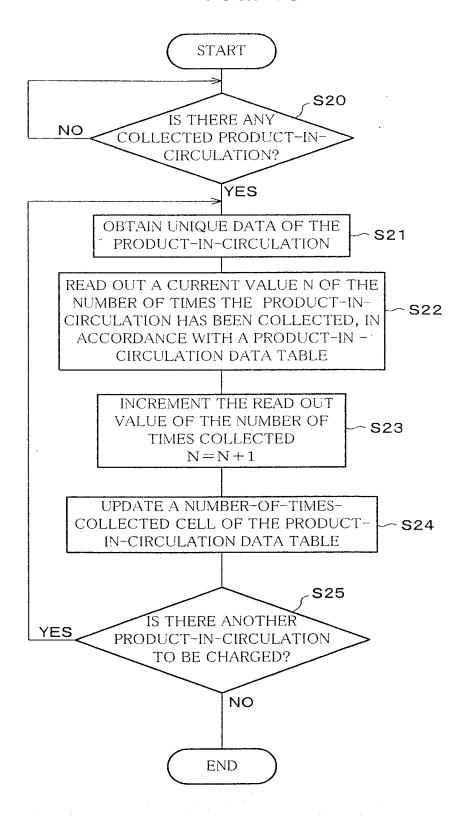
11G. 17 (a)	CURRENT DATA AND TIME	• 2/22/2000
ı	CURRENT DATA AND TIME	. 3/22/2000
UNIOUE DATA	REMARKS	CONTRACT
UNIQUE DATA	KEWAKKS	SIGNER ID
0000 0000 0000 0000 0000		001604
0000 0000 0000 0000 0001		001604
	BLACK TONER CARTRIDGE	•••
0000 0000 0000 0101 0000	FOR AR-2000	000125
0000 0000 0000 0101 0001	1 OK AK 2000	000125
0000 0000 0000 0101 0010		000209
•••		
0100 0000 0000 0000 0000		003161
• • •	YELLOW TONER CARTRIDGE	
0100 0000 0000 0000 0100	FOR AR-2000	000125
0100 0000 0000 0000 0101		000125
	LA GENTL TONED	00161
1000 0000 0000 0000 0000		03161
	MAGENTA TONER	000125
1000 0000 0000 0000 1100	MAGENTA TONER CARTRIDGE FOR AR-2000	000125
1000 0000 0000 0000 1101		000123
1100 0000 0000 0000 0000		03161
1100 0000 0000 0000 0000	CYAN TONER CARTRIDGE	03101
1100 0000 0000 0000 0111	FOR AR-2000	000125
1100 0000 0000 0000 0111	1 OK AK 2000	000125

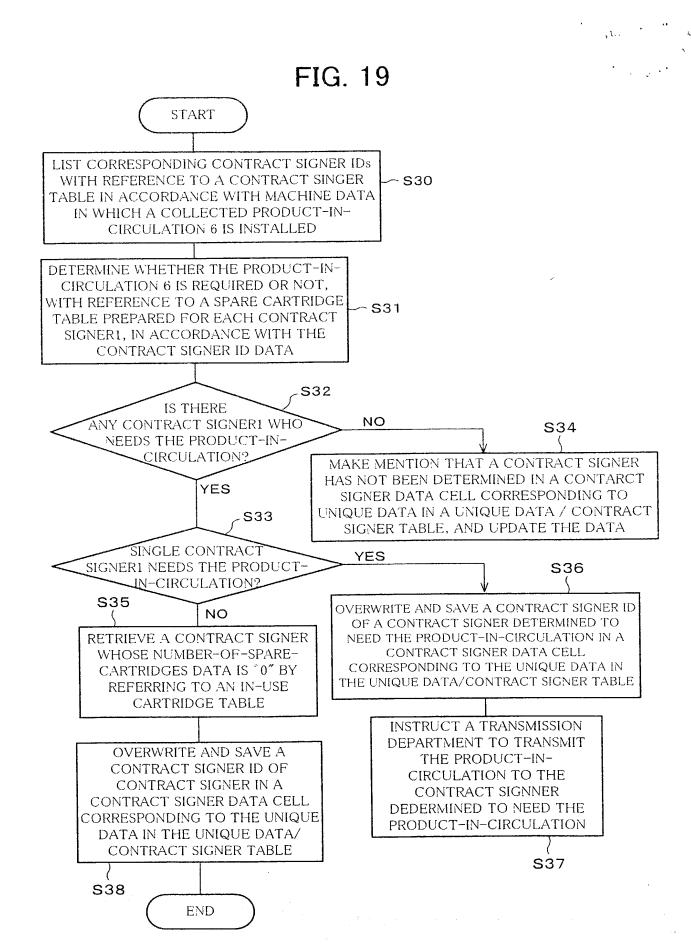
FIG. 17 (b)

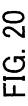
 				100 10000	_
OUTDOOR OF IN	T 1 A N . F	A THE AREA		: / •) / •) / •) / •) / •)	
CLIBBENIT DA	I A AIVI		. ()	5/20/2000 -	

		(3.6 VIED V 69
UNIQUE DATA	REMARKS	CONTRACT SIGNER ID
0000 0000 0000 0000 0000		001604
0000 0000 0000 0000 0001		
	DI AGU MONED CARTRIDGE	
0000 0000 0000 0101 0000	BLACK TONER CARTRIDGE	000125
0000 0000 0000 0101 0001	FOR AR-2000	000125
0000 0000 0000 0101 0010		000209
0100 0000 0000 0000 0000		003161
	VELLOUS TONED CARTRIDGE	
0100 0000 0000 0000 0100	YELLOW TONER CARTRIDGE	000125
0100 0000 0000 0000 0101	FOR AR-2000	102611
1000 0000 0000 0000 0000		03161
	MAGENTA TONER	
1000 0000 0000 0000 1100	CARTRIDGE FOR AR-2000	000125
1000 0000 0000 0000 1101		102611
1100 0000 0000 0000 0000		03161
	CYAN TONER CARTRIDGE	•••
1100 0000 0000 0000 0111	FOR AR-2000	000125
1100 0000 0000 0000 1000	1	102611
1	l e e e e e e e e e e e e e e e e e e e	••

FIG. 18







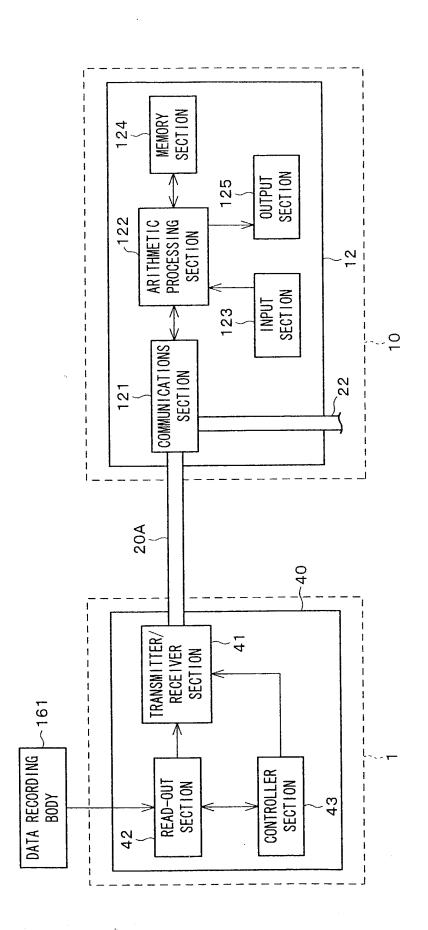


FIG. 21 (a)

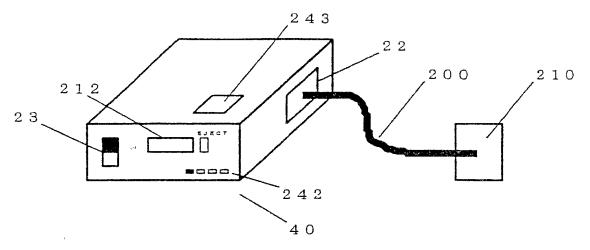


FIG. 21 (b)

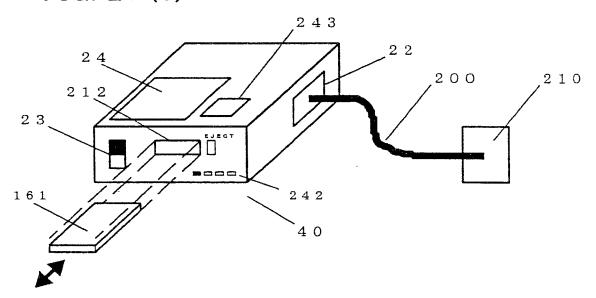


FIG. 22 (a)

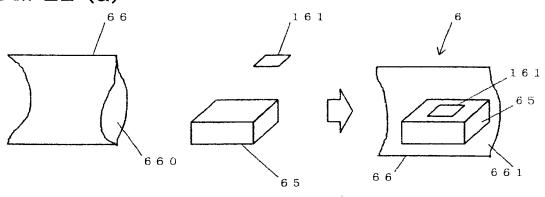


FIG. 22 (b)

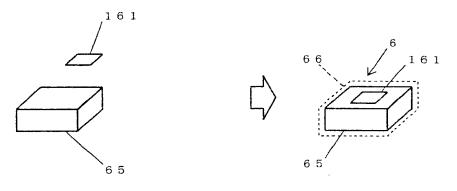


FIG. 22 (c)

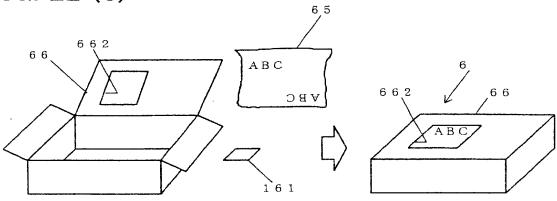


FIG. 23 (a)

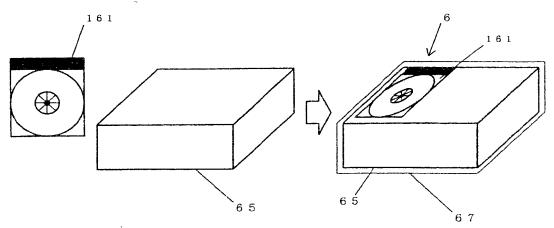


FIG. 23 (b)

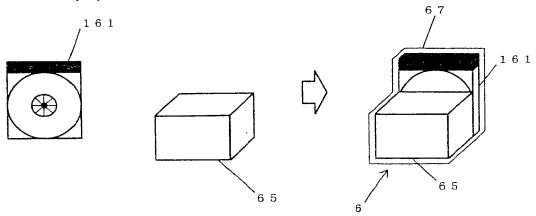


FIG. 23 (c)

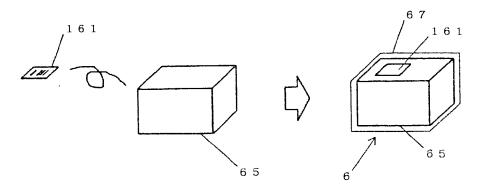


FIG. 24 (a)

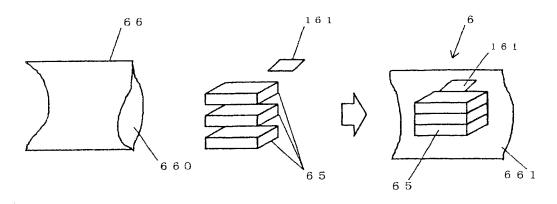


FIG. 24 (b)

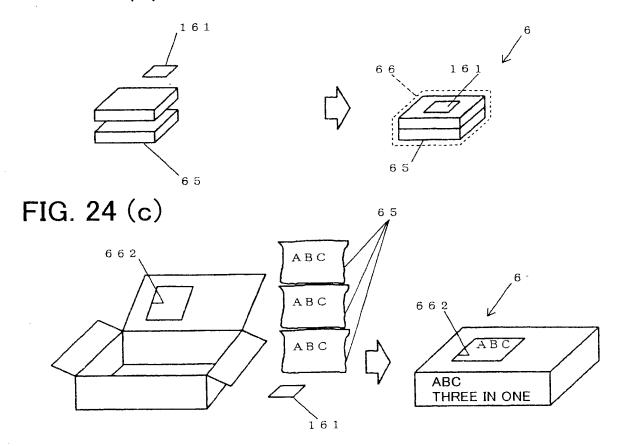




FIG. 25 (a)

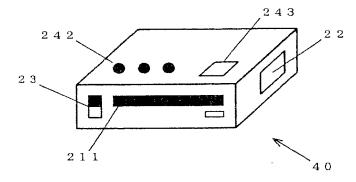


FIG. 25 (b)

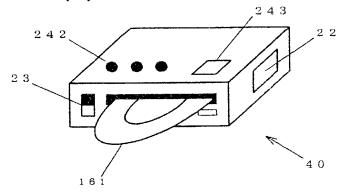


FIG. 25 (c)

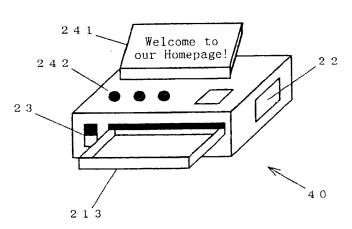


FIG. 26

CUSTOMER TABLE

TERMINAL STATION ID	CONTRACT SIGNER ID	CONTRACT SIGNER ID	NAME	REMARKS
000001	000001	000001	$\triangle \triangle \triangle \triangle$	PRIVATE
000002	216320	000002		PRIVATE
000003	002560	000003	0 00	CORPORATE
000004	380905	000004	- 00 000	PRIVATE
000005	102611	000005		
		•		
		•		
	,	•		1
	,			

FIG. 21
CONTRACT SIGNER ID: 000125

		<u> </u>							Т		Т	·		
		PURCHAS	STATUS	N/A										
		THE NUMBER OF TIMES	COLLECTED	N/A										
			REMARKS 2	N/A										
	THTRD LEVEL		REMARKS 1	N/A										
LE DATA			TITLE	N/A										
SPARE ARTICLE DATA			THTRD LEVEL CODE	N/A										
SPAI	10/150	SECOND LEVEL	SECOND	N/A										
	GIAOOGG	SECOND	SECOND LEVEL CODE	N/A										
		TOP LEVEL	TOP LEVEL	N/A										
		TOP	TOP LEVEL CODE	N/A										
		FULL DATA	(FULL DIGITS)	N/A										
		DATE OF	COLLECTION Tc	ŀ										
		DATE OF	PURCHASE Tp	1										
		DATE OF	DEL IVERY Td	N/A										
T			Š.	1=	2	က	4	5	9	7	8	, S	01	Ξ

CONTRACT SIGNER ID: 000125

								т					·	
		PURCHASE		NEW (SPARE)	NEW (SPARE)	NEW (SPARE)	NE% (SPARE)	NEW (SPARE)					· ,	· · · ·
		THE NUMBER	COI LECTED			2	0	Ç1						
			REMARKS 2	FOR PC USE	ll	H	H	FOR "DIGITAL VIEW						
	THIRD LEVEL		REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENGLISH TRANSLATION ASSISTANT	INTFRNET USABILTTY ENIANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAI, USE (F1VE IN ONE PACK)						
SPARE ARTICLE DATA	THIR		TITLE	ž "DATA SEARCI!"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"	,	-						
RE ART10		detteb	LEVEL CODE	0000	1000	0010	N/A	N/A						
SPAR	iava i minocas	LEVEL	SECOND	APPLI- CATION SOFTWARE	APPL1- CATION SOFTWARE	APPLI- CATION SOFTWARE	VHS	DΛ						
	CINOCAD	SECUIND	SECOND LEVEL CODE	10	10	10	00	10						
	I CIVICI	TOP LEVEL rop syel Level.		CD-ROM	CD-ROM	CD-ROM	EMPTY MED FUM	EMPTY MEDIUM						
	1 004	10/-	TOP LEVEL CODE	00	00	00	Ξ	=						
		FULL DATA (FULL DIGITS)		0010 0000 0000 0101 0000	0010 0000 0000 0100	0010 0010 0000 0100	1100 0000 0000 0111	1101 0000 0000 0101 0001						
		DATE OF						ı						
		DATE OF	Tp			1		l						
		DATE OF	rent	3/1/2000	3/1/2000	3 3/1/2000	3/1/2000	3/1/2000					•	·
			O		67 -		4	5	9	7	000	9	10	=

, '.

LU. 29 CONTRACT SIGNER ID: 000125

		THE NUMBER	C.1	PC 1 PURCHASED	NEW (SPARE)	NEW 2 (SPARE)	n 0 NEN (SPARE)	FOR "DIGITAL 2 PURCHASED VIEW					3	1
	THIRD LEVEL		REMARKS 1 REMARKS	DATA SEARCH, FOR PC EXPLOITATION USE SOFTWARE	JAPANESE ENGLISH TRANSLATION ASSIS FANT	INTERNET USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (F1VE IN ONE "" PACK)	JSE ONE						
SPARE ARTICLE DATA			TILE	, "DATA SEARCH"	"TRANSLATION ASSISTANT "	"INTERNET SUPPORT"	1	-						
SF ARTI			TH IRD LEVEL CODE	0000	0001	0010	N/A	N/A						
AGS		LEVEL	SECOND	APPLI- CATION SOFTWARE	APPLI- CATION SOPTWARE	APPLI- CATION SOFTWARE	VHS	DV						
		SECOND LEVEL	SECOND LEVEL CODE	01	01	10	00	01						
		EVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MFD1UM	EMPTY MEDIUM						
		TOP LEVEL	TOP LEVEL. CODE	00	00	00	11	=						
		FULL DATA	()	0000 1010 0000 0000 0100	0010 0000 0000 1000 0100	0010 0010 0000 0100	1100 0000 0000 00111	1101 0000 0000 0101 0001						
		DATE OF	COLLECTION	-			i							
			PURCHASE C	3/10/2000	i	1	1	3/1/2000 3/18/2000						
		DATE OF	DEL IVERY Td	1 3/1/2000 3/10/2000	2 3/1/2000	3 3/1/2000	4 3/1/2000	5 3/1/2000						
			No.		61			G	9	7	∞	6	10	L

LU. JU CONTRACT SIGNER ID: 000125

							SPAR	SPARE ARTICLE DATA	LE DATA				
			-			di so o creo	10110		THIRI	THIRD LEVEL			
DATE OF		DATE OF	FULL DATA	TOP	TOP LEVEL	SECOND	SECOND LEVEL					THE NUMBER	PURCHASE
DELIVERY PURCHASE CO	8	COLLECTION To	(FULL DIGITS)	TOP LEVEL CODE	TOP LEVEI.	SECOND LEVEL CODE	SECOND	THIRD LEVEL CODE	TITLE	REMARKS 1	REMARKS 2		
3/1/2000 3/10/2000	_		0010 0000 0000 0101 0000	00	CD-ROM	10	APPLI- CATION SOFTWARE	0000	's "DATA SEARCII"	DATA SEARCH, EXPLOITATION SOFTWARE	FOR PC USE	-	PURCHASED
3/1/2000 —		4/1/2000	0010 0000 0000 0100	00	CD-ROM	10	APPLI- CATION SOFTWARE	1000	"TRANSLATION ASSISTANT"	JAPANESE ENGLISH TRANSLATION ASSISTANT	н	Ţ	COLLECTED
3 3/1/2000 -		4/1/2000	4/1/2000 0010 0010 0000 0000 1100	00	CD-ROM	10	APPL [- CATION SOFTWARE	0010	"INTERNET SUPPORT"	INTERNET USABILITY ENIANCEMENT SOFTWARE	11	¢ι	COLLECTED
3/1/2000 —		4/1/2000	1110 0000 0000 0000 0111	=	EMPTY MEDIUM	00	VHS	N/A		GENERAL USE (FIVE IN ONE PACK)	11	0	COLLECTIO
3/1/2000 3/18/2000			1000 0000 0000 0101	=	EMPTY MEDIUM	01	DΛ	N/A	1	GENERAL USE (FIVE IN ONE PACK)	FOR "DIGITAL VIEW	e)	PURCHASED
4/1/2000 —		Į	1010 0000 0000 0000 0111	=	EMPTY	01	MD	N/A	1	GENERAL USE (FIVE IN ONE PACK)		2	NEW (SPARE)
4/1/2000 —	1	l	0010 0001 0000 0000 1101	00	CD-ROM	10	APPLI- CATION SOFTWARE	0011	"EMAIL"	INTERNET EMAIL SOFTWARE	FOR PC USE	_ش	NEW (SPARE)
4/1/2000 —			0100 0000 0000 0000 1000	0 0	DVD	00	MOVIE	0000	"XXX"	WITH SUBTITLE			NEW (SPARE)
	Ţ												
	1												*,,,
	I												
		_		_	_	_	-	_					, "

CONTRACT SIGNER ID: 000125

 1			u - '			т		т		Т	т т		
		STATUS ON PURCHASE	PURCHASED	PURCHASED	NEW (SPARE)	NEW (SPARE)	NEW (SPARE)						
		THE NUMBER OF TIMES COLLECTED N	1	C1	5	က	-						
		REMARKS 2	FOR PC USE	FOR "DIGITAL VIEW		POR PC USE							
	THIRD LEVEL	REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	INTERNET EMAIL SOFTWARE	WITH SUBTITLE						
LE DATA	THIR	TITLE	"DATA SEARCII"	l	ļ	"EMAIL"	"XXX"						
SPARE ARTICLE DATA		THIRD LEVEL CODE	0000	N/A	N/A	0011	0000						
SPA	10/10	SECOND LEVEL	APPL1- CATION SOFTWARE	DV	MD	APPLI- CATION SOFTWARE	MOVLE						
	CINCOCIO	SECOND LEVEL SECOND SECOND LEVEL CODE	10	10	10	01	00						
	13/10	TOP LEVEL	CD-ROM	EMPTY	EMPTY	CD-ROM	DVD						
	- 000	TOP TOP LEVEL CODE (LEVEL)	00		=======================================	00	01						
		FULL DATA (FULL DIGITS)	0010 0000 0000 0101 0000	1101 0000 0000 0101 0001	1110 0000 0000 0000 0101	1011 0000 0000 1100 0100	0100 0000 0000 0000 0010						
	•	DATE OF COLLECTION Te	f	ſ	ı	1					_		
		DATE OF PURCHASE Tp	3/10/2000	3/8/2000	ı	ı	1						
		DATE OF DELIVERY Td	1 3/1/2000 3/10/2000	3/1/2000	3 4/1/2000	4/1/2000	4/1/2000					•	
		No.	_	. 63	က	4	ಬ	9	7	8	6	10	Ξ

FIG.32

LIST[4]

ACCOUNTING (PERIOD: FEBRUARY 16, 2000 - MARCH 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL: GENERAL MACHINE

No.	PRODUCT		DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1	APPLICATION SOFTWARE "Datahunter"	k1	3/10/2000	1	p1'	p1'*k1
2						
3			-			
4						
5						
	en .					
TOTAL					_	$\Delta \Delta \Delta \Delta$. Δ

LIST[5]

ACCOUNTING (PERIOD: MARCH 16, 2000 -APRIL 15, 2000)

CONTRACT SIGNER ID: 000125

CONTRACT MODEL:

No.	PRODUCT	ACCOUNT FACTOR	DATE OF INSTALLATION	QUANTITY	UNIT PRICE	SUBTOTAL
1 2 3 4 5	DV CASSETTE	k2	3/18/2000	1	p4'	p4'*k2
TOTAL						

FIG. 33

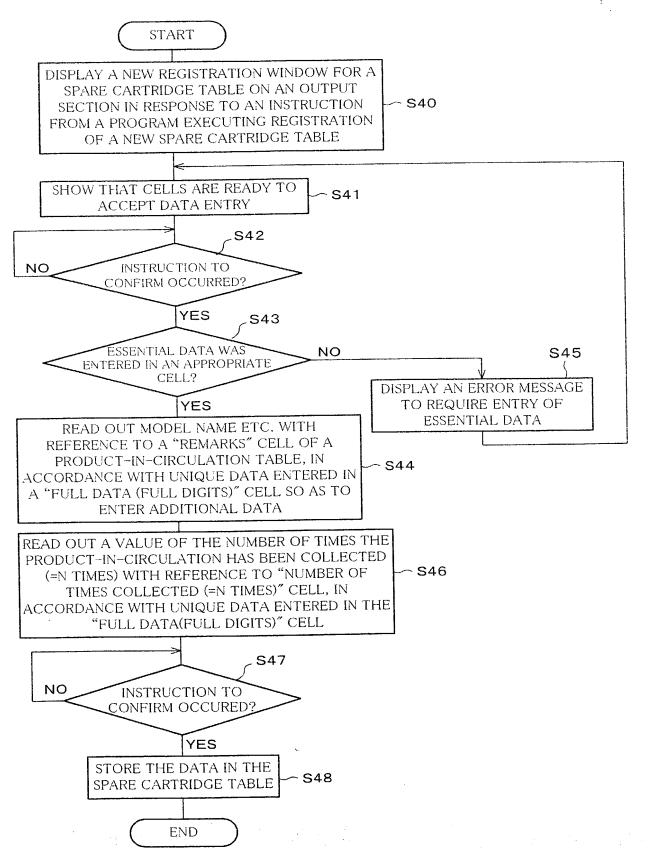


FIG. 34

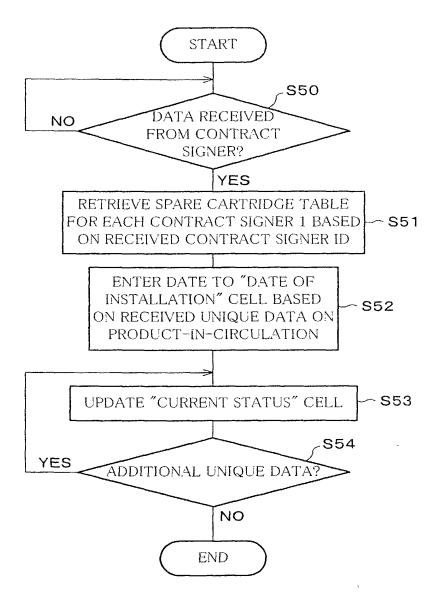


FIG. 35

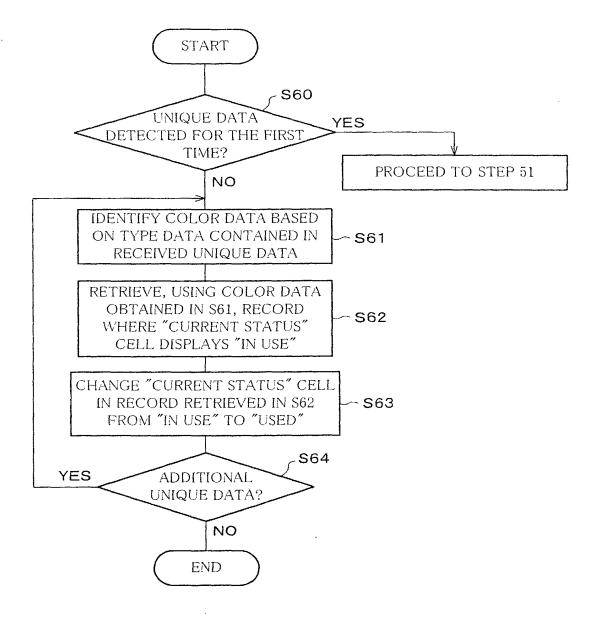


FIG. 36

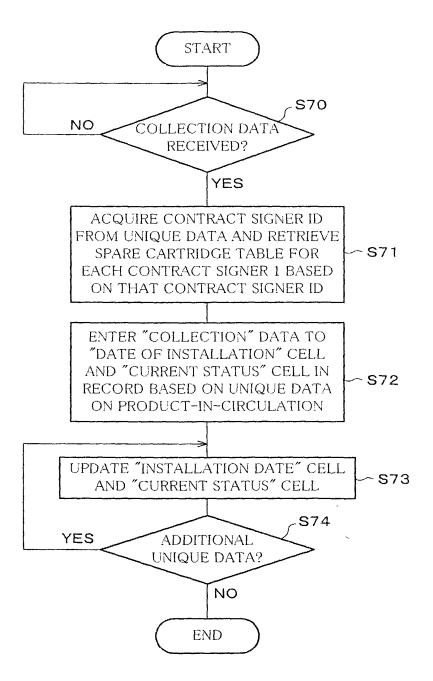
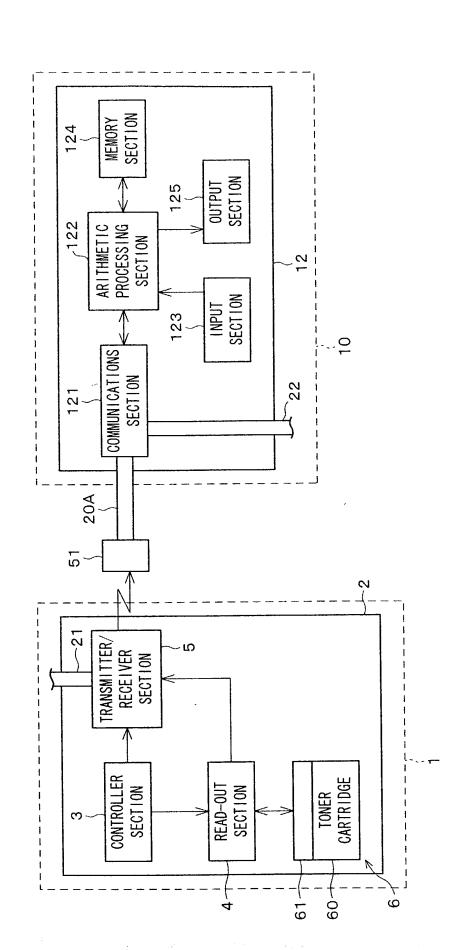


FIG. 37



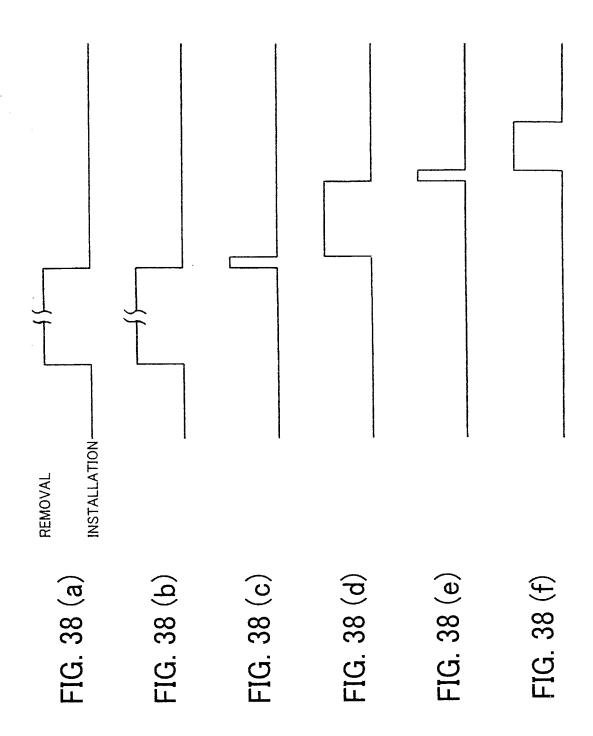


FIG. 39

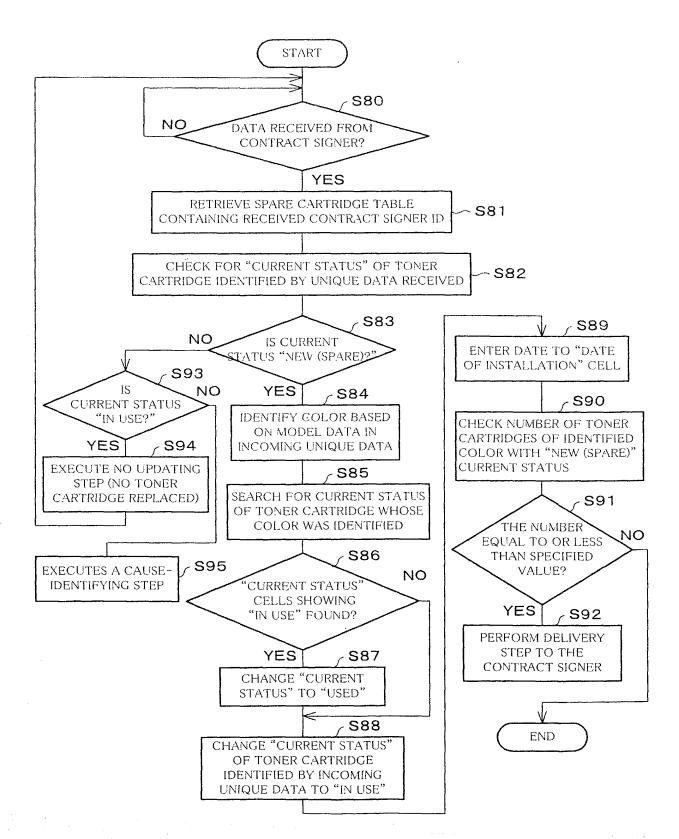


FIG. 40

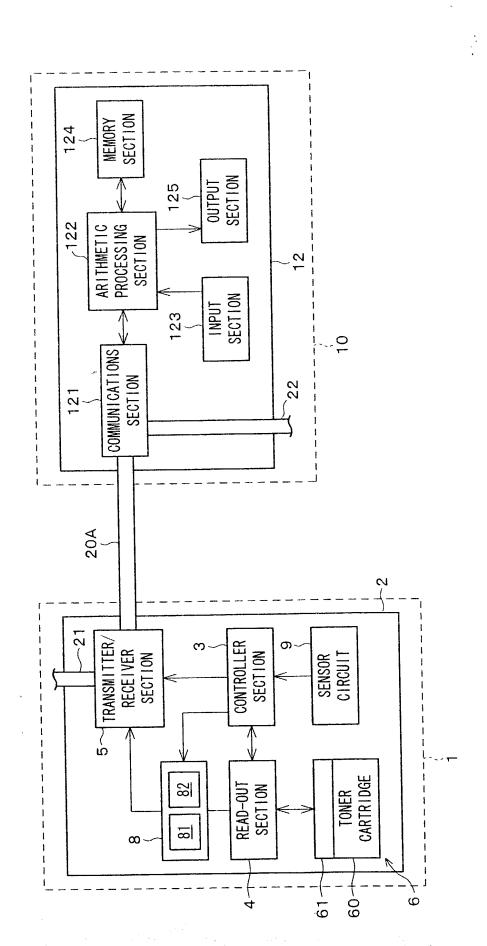


FIG. 41 (a)

ADVANCE REQUEST PAGE	
ENTER YOUR CONTRACT SIGNER ID	
SELECT ONE OR MORE PRODUCT GROUPS THAT YOU WISH TO BE DELIVERED IN ADVANCE.	
✓ ·OFFICE SUPPLIES✓ ·ENTERTAINMENT PRODUCTS✓ ·EVERYDAY COMMODITIES	
SEND CLEAR	

FIG. 41 (b)

ADVANCE REQUESTED ADVANCE REQUESTED ADVANCE.	
✓ ·SOFTWARE FOR PC✓ ·WESTERN MOVIES (ON DVD)✓ ·JAPANESE MOVIES (ON DVD)	\(\sqrt{\sq}}\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}
	SEND CLEAR

FIG. 41 (c)

1	·
	<pre><form action="></pre></th></tr><tr><th>i</th><th><pre><INPUT TYPE=" checkbox"="" name="0210"> SOFTWARE FOR PC </form></pre>
	<pre><input name="0220" type="checkbox"/> WESTERN MOVIES (ON DVD) BR></pre>
	<pre><input name="0230" type="checkbox"/>:JAPANESE MOVIES (ON DVD) </pre>
	•••
1	

FIG. 41 (d)

DATA	NUMBER OF REPLIES
0210	84
0220	173
0230	, 50
•••	

FIG. 41 (e)

DATA	ARTICLE NAME
0210	SOFTWARE FOR PC
0220	WESTERN MOVIES (ON DVD)
0230	JAPANESE MOVIES (ON DVD)
•••	

FIG. 42 (a)

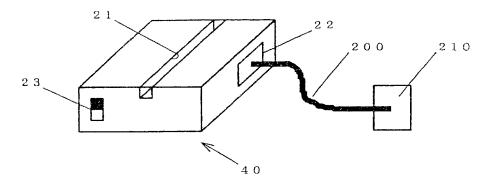


FIG. 42 (b)

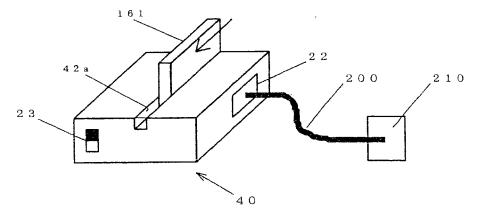


FIG. 42 (c)

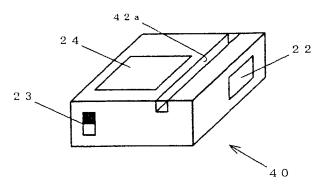


FIG. 43 (a)

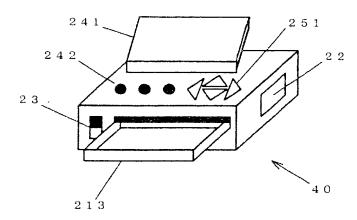


FIG. 43 (b)

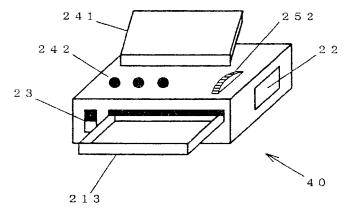


FIG. 43 (c)

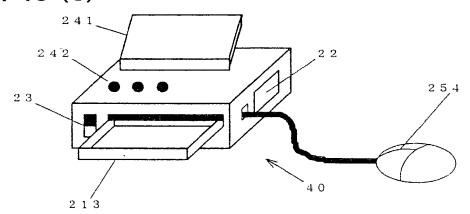


FIG. 44

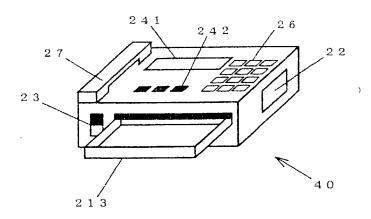


FIG. 45 (a)

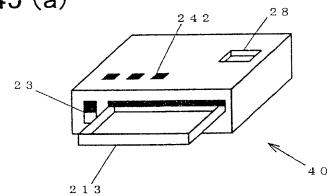


FIG. 45 (b)

2 1 3

FIG.46(a)

PRODUCT-IN-CIRCULATION TABLE [1]

CURRENT DATA AND TIME Tp: 10/28/2000

REMARKS ON PRODUCT-IN- CIRCULATION TABLE	"USE-BY" DATE T	ACCOUNTING
	5/14/2000	CHARGED
BLACK TONER CARTRIDGE	5/14/2000	UNCHARGED
	5/14/2000	UNCHARGED
		•••
	11/1/2001	CHARGED
YELLOW TONER CARTRIDGE	11/1/2001	UNCHARGED
FOR AR-2000		•••
	11/1/2001	CHARGED
MAGENTA TONER CARTRIDGE	11/1/2001	UNCHARGED
FOR AR-2000		
CYAN TONER CARTRIDGE	11/1/2001	CHARGED
	11/1/2001	UNCHARGED
)	DELACK TONER CARTRIDGE FOR AR-2000 YELLOW TONER CARTRIDGE FOR AR-2000 MAGENTA TONER CARTRIDGE FOR AR-2000 CYAN TONER CARTRIDGE FOR AR-2000	CIRCULATION TABLE T BLACK TONER CARTRIDGE FOR AR-2000 YELLOW TONER CARTRIDGE FOR AR-2000 MAGENTA TONER CARTRIDGE FOR AR-2000 CYAN TONER CARTRIDGE FOR AR-2000 CYAN TONER CARTRIDGE FOR AR-2000 CYAN TONER CARTRIDGE FOR AR-2000 11/1/2001 11/1/2001 11/1/2001 11/1/2001 11/1/2001

FIG.46(b)

PRODUCT-IN-CIRCULATION TABLE [2]

CURRENT DATA AND TIME Tp: 10/28/2000

UNIQUE DATA	REMARKS	"USE-BY" DATE T	ACCOUNTING
	•••	•••	
0010 0000 0000 0000 0000			CHARGED
0010 0000 0000 0000 0001	APPLICATION SOFTWARE	10/01/0000	LNCHARGED
0010 0000 0000 0000 0010	"DATA SEARCH" Ver. 1.0	12/31/2000	UNCHARGED
	5 , , , , 5		
0010 0000 0000 1000 0000			CHARGED
0010 0000 0000 1000 0001	APPLICATION SOFTWARE	- (n.) (n.)	CHARGED
0010 0000 0000 1000 0010	"DATA SEARCH" Ver. 2.0	5/31/2001	UNCHARGED
	BATA GEARGIA VOILEIA		
		1	
0010 0001 0000 0000 0000			CHARGED
	APPLICATION SOFTWARE	7/1/2001	CHARGED
0010 0001 0000 0000 0001	"TRANSLATION ASSISTANT"		UNCHARGED
0010 0001 0000 0000 0010			ONOTH MOED
		 	
1		!	

FIG. 47 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE CONTRACT SIGNER ID 000125

CIONE DOLLANGED	DATE OF		INSTALLED CARTRIDGE DATA	TRIDGE DAT	¥	DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CAKIKIDGE ITPE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPTRY Tr	No.
BLACK	N/A	N/A	V/N	N/A	N/A	N/A	N/A	N/A
YELLOW	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MAGENTA	N/A	N/A	. N/A	N/A	N/A	N/A	N/A	N/A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE	N/A	N/A	N/N	N/A	N/A	N/A	N/A	N/A

FIG. 47 (b) SPARE CARTRIDGE DATA

DATE MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER 1D 000125

03/21/2000/15:58

TIME REMAINING BEFORE EXPIRY Tr DATE OF EXPIRY T N/ACURRENT STATUS N/A UNIQUE DATA N/A SPARE CARTRIDGE DATA MODEL DATA N/A COLOR DATA (FIRST TWO DIGITS) N/A (FULL DIGITS) FULL DATA N/ADATE OF INSTALLATION N/ANo. DATE OF DELIVERY N/A

FIG. 48 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE

CONTRACT SIGNER ID 000125

delta decalande	DATE OF	11	INSTALLED CARTRIDGE DATA	DATA	-	DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CAKIKIDGE 17PE	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	N/A	N/A	N/A	N/A	N/A	V/N	N/A	N/A
YELLOW	N/A	N/A	N/A	N/A	V/N	N/A	N/A	N/A
MAGENTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CYAN	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PHOTOSENSITIVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 48 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

DATE 03/22/2000/15:58

DATE OF DELIVERY DATE OF DELIVERY PULL DATA (FULL DIGITS) CALOR DATA (FURS) MODEL. DATA COLOR DATA DATA (FULL DATA (FULL DIGITS) CALOR DIGITS DATA (FULD DATA (FULL DIGITS) CALOR DIGITS DATA (FULL DATA (FULL DIGITS) CALOR DIGITS CALOR DATA (FULL DATA (FULL DIGITS) CALOR DATA (FULL DATA (FULL DATA (FULL DATA FULL DATA FULL DATA FULL DATA (FULL DATA FULL DATA FULL DATA FULL DATA FULL DATA (FULL DATA FULL DATA FULL DATA FULL DATA (FULL DATA FULL DATA FU	-		JO J.J.VG		SPARE CARTRIDGE DATA	ATA		ENERGIE	TA STAN	ONLINI VIRSIG SITTE
3/22/2000 — 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0101 0000 010 0NEW (SPARE) 5/14/2000 3/22/2000 — 0100 0000 0000 0100 WELLOW TONER(01) AR-2000 0000 0100 NEW (SPARE) 11/1/2001 3/22/2000 — 1000 0000 0000 0100 MAGENTA TONER(10) AR-2000 0000 0000 0100 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0101 CYAN TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 0100 0000 0000 0101 WELLOW TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0101 WELLOW TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 0101 WELLOW TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 0000 1101 MAGENTA TONER(11) AR-2000 0000 0000 1001 NEW (SPARE) 11/1/2001	·	DATE OF DELIVERY	DATE OF INSTALLATION	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL. DATA	UNIQUE DATA	STATUS	EXPIRY T	REFORE EXPIRY TY
3/22/2000 — 0100 0000 0000 0000 0100 WELLOW TONER(10) AR-2000 0000 0000 0100 MEW (SPARE) 11/1/2001 3/22/2000 — 1000 0000 0000 0101 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 1100 MEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0101 0001 BLACK TONER(10) AR-2000 0000 0101 0001 MEW (SPARE) 11/1/2001 3/22/2000 — 0100 0000 0000 0101 0001 YELLOW TONER(10) AR-2000 0000 0101 MEW (SPARE) 11/1/2001 3/22/2000 — 1000 0000 0000 0000 0101 WELLOW TONER(10) AR-2000 0000 0101 MEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 0000 1001 MAGENTA TONER(11) AR-2000 0000 0000 1000 MEW (SPARE) 11/1/2001 . . 1100 0000 0000 0000 0000 1001 MAGENTA TONER(11) AR-2000 0000 0000 1000 MEW (SPARE) 11/1/2001	-	3/22/2000				AR-2000	0000 0000 0101 0000	NEW (SPARE)	5/14/2000	Tr3
3/22/2000 — 1000 0000 0000 0000 1100 MAGENTA TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0101 0001 ELACK TONER(11) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 0100 0000 0000 0101 0001 YELLOW TONER(10) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 0100 0000 0000 0000 0101 YELLOW TONER(10) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 0101 MAGENTA TONER(11) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 0000 1101 MAGENTA TONER(11) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 	7	3/22/2000	1		VELLOW TONER(01)	AR-2000	0000 0000 0000 0000	NEW (SPARE)	11/1/2001	T r 1
3/22/2000 - 1100 0000 0000 0101 0001 CYAN TONER(11) AR-2000 0000 0101 0001 INT/2001 INT/2001 3/22/2000 - 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0101 0001 INT/2001 INT/2001 3/22/2000 - 0100 0000 0000 0000 0101 YELLOW TONER(10) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 - 1000 0000 0000 0000 0101 MAGENTA TONER(11) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 3/22/2000 - 1100 0000 0000 0000 0000 1001 CYAN TONER(11) AR-2000 0000 0000 1001 NEW (SPARE) 11/1/2001 	33	3/22/2000	1		MAGENTA TONER(10)	AR-2000	0000 0000 0000 1100	NEW (SPARE)	11/1/2001	1 1 1.
3/22/2000 — 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0100 0000 0101 IZ/14/2000 3/22/2000 — 0100 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1000 0000 0000 0000 0101 MACIENTA TONER(10) AR-2000 0000 0000 1001 NEW (SPARE) 11/1/2001 	4	3/22/2000	ı		CYAN TONER(11)	AR-2000	0000 0000 0000 0111	NEW (SPARE)	11/1/2001	Tr 1
3/22/2000 — 0100 0000 0000 0000 1101 YELLOW TONER(01) AR-2000 0000 0000 0101 NEW (SPARE) 11/1/2001 3/22/2000 — 1000 0000 0000 0000 1101 MACIENTA TONER(11) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 3/22/2000 — 1100 0000 0000 0000 1000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001 . .	22	3/22/2000	١		BLACK TONER (00)	AR-2000	0000 0000 0101 0001	NEW (SPARE)	12/14/2000	Tr 1
3/22/2000 1000 0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001	9	3/22/2000			YELLOW TONER(01)	AR-2000	0000 0000 0000 0101	NEW (SPARE)	11/1/2001	Trl
3/22/2000 — 1100 0000 0000 0000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001 .	7	3/22/2000	1	ľ	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1101	NEW (SPARE)	11/1/2001	T r. 1
	20	3/22/2000	_		CYAN TONER(11)	AR-2000	0000 0000 0000	NEW (SPARE)	11/1/5001	Tri
	6	•								
	0	•								•
	-									

FIG. 49 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

CARTRIDGE IVDE	DATE OF		INSTALLED CARTRIDGE DATA	E DATA		DATE OF	TIME PEMATNING	CORRESPONDING SPARE CARTRINGE
	REPLACEMENT	FULL DATA (FULL DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	3/22/2000	3/22/2000 0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0101 0000 5/14/2000	BLACK TONER (00)	AR-2000	0000 0000 0101 0000	5/14/2000	7 7 3	(L ON) L
YELLOW	3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0000 0100 11/1/2001	YELLOW TONER(01)	AR-2000	0000 0000 0000 0100	11/1/2001) i i	1 (No. 1)
MAGENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100 11/1/2001	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	11/1/2001		1 (No. 2)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AK-2000 0000 0000 0000 0111 11/1/2001	CYAN TONER(11)	AR-2000	0000 0000 0000	11/1/2001	- 1	(No. 1)
						1007 (1)	,	1 (00) 1
PHOTOSENSTITVE BODY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

FIG. 49 (b) SPARE CARTRIDGE DATA

MACHINE MODEL | AR-2000 LIBRE | CONTRACT SIGNER ID 000125

DATE 03/22/2000/15:58

DATE OF EXPLRY T 5/14/2000 11/1/2001 11/1/2001 0) 11/1/2001 0) 11/1/2001 0) 11/1/2001			DATE OF			SPARE CARTRIDGE DATA	ATA				
3/22/2000 0000 0000 0000 0101 0000 BLACK TONER(00) AR-2000 0000 0101 0000 IN USE 5/14/2000 3/22/2000 0100 0000 0000 0100 VELI OW TONER(10) AR-2000 0000 0100 IN USE 11/1/2001 3/22/2000 1100 0000 0000 0100 0100 VELI OW TONER(10) AR-2000 0000 0000 0100 IN USE 11/1/2001 3/22/2000 1100 0000 0000 0101 0001 CYAN TONER(11) AR-2000 0000 0101 0001 IN USE 11/1/2001 - 0100 0000 0000 0101 0001 VELLOW TONER(10) AR-2000 0000 0101 0001 NEW (SPARE) 11/1/2001 - 0100 0000 0000 0101 WELLOW TONER(10) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 - 1100 0000 0000 0000 0101 MAGENTA TONER(11) AR-2000 0000 0000 0101 NEW (SPARE) 11/1/2001		DATE OF DELIVERY	INSTALLATION	FULL DATA (FULL DIGI	(S,	COLOR DATA (FIRST TWO DIGITS)	MODEL. DATA	UNIQUE DATA	CURRENT	DATE OF EXPIRY T	BEFORE EXPIRY THE
3/22/2000 0100 0000 0000 0100 WELLOW TONER(01) AR-2000 0000 0100 TN USE 11/1/2001 3/22/2000 1100 0000 0000 0110 CYAN TONER(11) AR-2000 0000 0000 1100 TN USE 11/1/2001	$\overline{}$	3/22/2000	3/22/2000	Ш	0000	BLACK TONER (00)	AR-2000	0000 0000 0101 0000	(N USE	5/14/2000	T+3
3/22/2000 1000 0000 0000 1100 MAGENTA TONER(11) AR-2000 0000 0000 1100 IN USE 11/1/2001 3/22/2000 1100 0000 0000 0101 CYAN TONER(11) AR-2000 0000 0000 0111 IN USE 11/1/2001	-	3/22/2000	3/22/2000			(ELI OW TONER (01)	AR-2000	0000 0000 0000 0100	TN USE	11/1/9001	7.7
3/22/2000 1100 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0101 IN USE 11/1/2001 0000 0000 0000 0101 MELACK TONER(00) AR-2000 0000 0101 0001 NEW (SPARE) 12/14/2000 1000 0000 0000 0101 YELLOW TONER(10) AR-2000 0000 0101 NEW (SPARE) 11/1/2001 1100 0000 0000 0000 1101 MAGENTA TONER(11) AR-2000 0000 0000 1101 NFW (SPARE) 11/1/2001 11100 0000 0000 0000 1000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001		3/22/2000	3/22/2000			AGENTA TONER (10)	AR-2000	0000 0000 0000	IN LISE	11/1/2001	1 - 1
		3/22/2000	3/22/2000		1110	CYAN TONER(11)	AR-2000	0000 0000 0000 0111	TSI NI	11/1/2001	
0100 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 1100 0000 0000 1101 MAGENTA TONER(11) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 11100 0000 0000 1000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001		3/22/2000	I		1000	BLACK TONER (00)	AR-2000	0000 0000 0101 0001 M	JFW (SPARE)	11/1/2001	1 1 1
- 1000 0000 0000 1101 MAGENTA TONER(10) AR-2000 0000 0000 1101 NEW (SPARE) 11/1/2001 1100 0000 0000 1000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001		3/22/2000			0101	TELLOW TONFR (01)	AR-2000	0000 0000 0000 0000	ICW (CDADE)	13 /1 /0001	- -
- 1100 0000 0000 1000 CYAN TONER(11) AR-2000 0000 0000 1000 NEW (SPARE) 11/1/2001		3/22/2000			1101 M	AGENTA TONFR (10)	AR-2000	0000 0000 0000 0000	IEW (CDADE)	11/1/2001	
11) 1/ 7001 1000 1000 1000 1001 1001 1001 1		3/22/2000			1000	CYAN TONER (11)	AR-2000	0000 0000 0000 0000	HEW (SPARE)	11/1/2001	L
	_	-			-			10001 0000 0000	ILI (SI ANE)	11/1/2001	1 1 1
					+						
	1_				+						

FIG. 50 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE CONTRACT SIGNER ID 000125

	DATE OF	NI NI NI NI NI NI NI NI NI NI NI NI NI N	INSTALLED CARTRIDGE DATA	DATA			T I ME REMAINING	CORRESPONDING SPARE CARTRIDGE
CARTRIDGE TYPE	REPLACEMENT	FULL DATA (FULL DIGITS)	DIGITS) COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	6/12/2000	6/12/2000 0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0101 0001 12/14/2000 Tri	BLACK TONER (00)	AR-2000	1000 1010 0000 0000	12/14/2000	Tr1	0 (No. 5)
YELLOW	3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0000 0100 11/1/2001	YELLOW TONER(01)	AR-2000	0000 0000 0000 0000	11/1/2001	Tr1	I (No. 2)
MAGENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100 11/1/2001	MAGENTA TONER(10)	AR-2000	0000 0000 0000 1100	11/1/2001	Tr1	1 (No. 3)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0000 0111 11/1/2001 T r 1	CYAN TONER(11)	AR-2000	0000 0000 0000 0000	11/1/2001	T r 1	1 (No. 4)
PHOTOSENSITIVE RODY	N/A	N/A	N/A	N/A	N/A	N/A	V/N	N/A

FIG. 50 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT SIGNER ID 000125

DATE 03/22/2000/15.58

DATE OF	DATE OF			SPARE CARTRIDGE DATA	ATA		CURRENT	DATE OF	TIME REMAINING
ATE OF 1	No. DATE OF DELIVERY	INSTALLATION	INSTALLATION FULL DATA (FULL DIGITS)	COLOR DATA (FLRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	STATUS	EXPTRY T	BEFORE EXPTRY Tr
3/22/2000		3/22/2000	3/22/2000 0000 0000 0101 0000	1 0000 BLACK 10NER(00)	AR-2000	AR-2000 0000 0000 0101 0000	OSED	5/14/2000	Tr3
3/22/2000		3/22/2000	3/22/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0100	YELLOW TONER(01)	AR-2000	0000 0000 0000 0100	IN USE	11/1/2001	Tr.
3/22/2000		3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 1100	MAGENTA TONER (10)	AR-2000	0000 0000 0000 1100	aso ni	11/1/2001	'f r 1
3/22/2000		3/22/2000	1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0111	CYAN TONER(11)	AR-2000	0000 0000 0000	SO NI	11/1/2001	Tr1
3/22/2000		6/12/2000	6/12/2000 0000 0000 0101 0001	BLACK TONER (00)	AR-2000	000 BLACK TONER(00) AR-2000 0000 0000 0101 0001	IN USE	12/14/2000	Tr1
3/22/2000			0100 0000 0000 0000 0101 YELLOW TONER(01) AR-2000 0000 0000 0000 0101 NEW (SPARE)	YELLOW TONER(01)	AR-2000	0000 0000 0000 0101	NEW (SPARE)	11/1/2001	17 r 1
3/22/2000		1	1000 0000 0000 0000 1101 MAGENTA TONFR(10) AR-2000 0000 0000 0000 1101 NEW (SPARE)	MAGENTA TONER(10)	AR-2000	0000 0000 0000	NEW (SPARE)	11/1/2001	Trl
3/22/2000		1	1100 0000 0000 0000 1000 CYAN TONER(11)		AR-2000	AR-2000 0000 0000 0000 1000 NEW (SPARE)	NEW (SPARE)	11/1/2001	Trl
•									•
•									
									(Z)

FIG. 51 (a) INSTALLED CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

CONTRACT STGNER ID 000125

	DATE OF	NI	INSTALLED CARTRIDGE DATA	DATA		DATE OF	TIME REMAINING	CORRESPONDING SPARE CARTRIDGE
CARTRIDGE TYPE	REPLACEMENT	FULL DATA (FULL DIGITS) COLOR DATA (FIRST TWO DIGITS)	COLOR DATA (FIRST TWO DIGITS)	MODEL DATA	UNIQUE DATA	EXPIRY T	BEFORE EXPIRY Tr	No.
BLACK	6/12/2000	6/12/2000 0000 0000 0000 0101 0001 BLACK TONER(00) AR-2000 0000 0000 0101 0001 12/14/2000	BLACK TONER (00)	AR-2000	1000 1010 0000 0000	12/14/2000	Trl	1 (No. 5)
VELLOW	3/22/2000	3/32/2000 0100 0000 0000 0000 0100 YELLOW TONER(01) AR-2000 0000 0000 0000 0100 11/1/2001	YELLOW TONER(01)	AR-2000	0000 0000 0000 0000	11/1/2001	Tr1	1 (No. 2)
MACENTA	3/22/2000	3/22/2000 1000 0000 0000 0000 1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100 11/1/2001	MAGENTA TONER (10)	AR-2000	0000 0000 1100	11/1/2001	Tr1	1 (No. 3)
CYAN	3/22/2000	3/22/2000 1100 0000 0000 0000 0111 CYAN TONER(11) AR-2000 0000 0000 0000 0111 11/1/2001	CYAN TONER (11)	AR-2000	0000 0000 0000 0000	11/1/2001	Tr1	1 (No. 4)
PHOTOSENSITIVE	N/A	V/N	N/A	N/A	N/A	N/A		N/A
RODY								

FIG. 51 (b) SPARE CARTRIDGE DATA

MACHINE MODEL AR-2000 LIBRE

03/22/2000/15:58

CONTRACT SIGNER ID 000125

9	<u></u>		-		ļ		1			ŀ	·]	
TIME REMAINING	BEFORE EXPIRY Tr	Tr3	T r 1	T r 1	Trl	Tr 1	-	i de la companya de		Tř. 2	,	
DATE OF	EXP LRY . T	5/14/2000	11/1/2001	11/1/2001	11/1/2001	12/14/2000	_	1	ŀ	12/14/2000		
CURRENT	STATUS	OSED	IN USE	IN USE	IN USE	IN USE	COLLECTED	COLLECTED	COLLECTED	NEW (SPARE)		
	UNIQUE DATA	AR-2000 0000 0000 0101 0000	0100 YELLOW TONER(01) AR-2000 0000 0000 0100	1100 MAGENTA TONER(10) AR-2000 0000 0000 0000 1100	CYAN TONER(11) AR-2000 0000 0000 0000 0111	BLACK TUNER(00) AR-2000 0000 0000 0101 0001	0101 YELLOW TONER(01) AR-2000 0000 0000 0000 0101 COLLECTED	1101 MAGENTA TONER(10) AR-2000 0000 0000 1101 COLLECTED	CYAN TONER(11) AR-2000 0000 0000 1000 COLLECTED	AR-2000 0000 0000 0101 0010 NEW (SPAKE) 12/14/2000		
ATA	MODEL DATA	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000	AR-2000		
SPARE CARTRIDGE DATA	COLOR DATA (FTRST TWO DIGITS)	0000 BLACK TONER (00)	YELLOW TONER(01)	MAGENTA TONER (10)	CYAN TONER (11)	BLACK TUNER (00)	YELLOW TONER(01)	MAGENTA TONER (10)	CYAN TONER(11)	0010 BLACK TONER (00)		
	No. DATE OF DELIVERY INSTALLATION FULL DATA (FULL DIGITS)	3/22/2000 0000 0000 0000 0101 0000				1000	,		1000			
C C	DATE OF INSTALLATION	3/22/2000	3/22/2000	3/22/2000	3/25/2000	6/12/2000	COLLECTED	COLLECTED	COLLECTED			
	DATE OF DELIVERY	0006/66/8	3/29/2000	3/22/2000	3/99/2000							
	9		1 5	ءً ا	ے د	عا ات	2 3		- x		, 5	.

FIG. 52

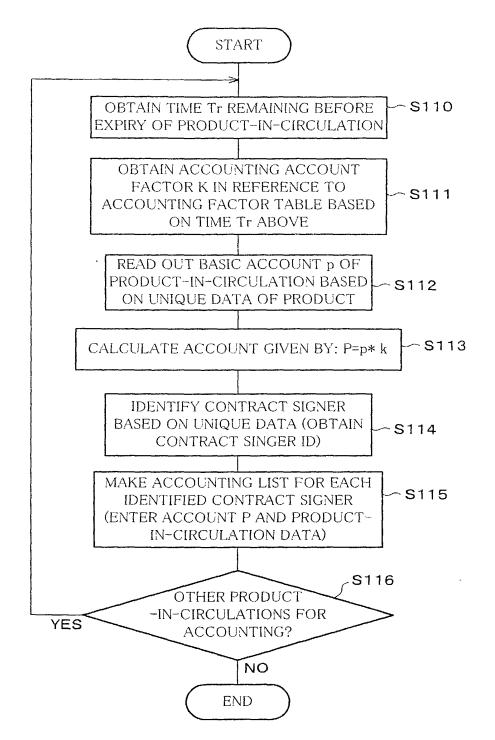


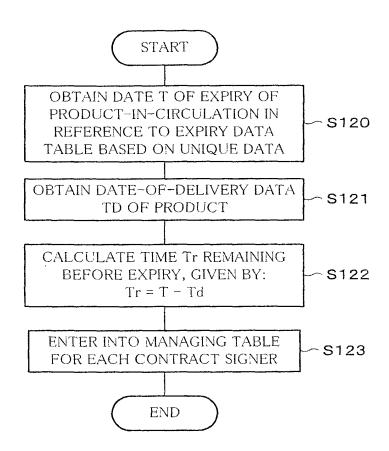
FIG.53

ACCOUNTING FACTOR TABLE [1]

TIME REMAINING BEFORE EXPIRY	Tr	ACCOUNTING FACTOR k
Tr0: MORE THAN 1 YEAR	I	k0=1
Tr1: 6 MONTHS TO 1 YEAR		k1
Tr2: 2 MONTHS TO 6 MONTHS		k2
Tr3: 1 MONTH TO 2 MONTHS		k3
Tr4: LESS THAN 1 MONTH		k4

NOTE THAT $k0 > k1 > k2 > \cdots$

FIG. 54



CG. JJ CONTRACT SIGNER ID: 000125

-							SPAR	SPARE ARTICLE DATA	DATA				TIME	
	DATE OF	DATE OF	DATE OF		TOP L	TOP LEVEL	SECOND LEVEL	LEVEL		THER	THIRD LEVEL		BEFORE	PURCHASE
	No. DELIVERY TO PURCHASE COLLECTION TO	PURCHASE Tp	COLLECTIO N Tc	DATA (FULL DIGITS)	TOP LEVEL CODE	TOP LEVEL	SECOND LEVEL CODE	SECOND LEVEL	THTRD LEVFL CODE	TITLE	REMARKS 1	REMARKS 1 REMARKS 2	EXPIRY	STATUS
	N/A	-	!	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
								-						
10	-													

FIG. 56 CONTRACT SIGNER ID: 000125

DATE OF DATE OF DELIVERY PURCHASE TA TP												
Y PURCHASI TP	DATE OF		10P	10P LEVEL	SECONE	SECOND LFVEL		HIII	THIRD LEVEL		TIME	PURCHASE
	E COLLECTION To	FULL DATA (FULL DIGITS)	TOP LEVEL CODE	TOP LEVEL	SECOND LEVEL CODE	SECOND LEVEI.	THIRD LEVEL CODE	TITLE	REMARKS 1	REMARKS 2	EXPIRY Tr	STATUS
3/1/2000 —		0000 1010 0000 0000 0100	00	CD-ROM	10	APPLI- CATION SOFTWARE	0000	"DATA SEARCH"	DATA SEARCH, EXPLOITATION SOFTWARE	FOR PC USE	12/31/2000	NFW (SPARE)
2 3/1/2000	-	0010 0000 0000 0100	00	CD-ROM	10	APPL1- CAT1ON SOFTWARE	0001	"TRANSLATION ASSISTANT"	JAPANESE ENCLISH TRANSLATION ASSISTANT	И	7/1/2001	NEW (SPARE)
3/1/2000 —		0010 0000 0000 0100	00	CD-ROM	10	APPLI- CATION SOFTWARE	0010	"INTERNET SUPPORT"	USABILITY ENIIANCEMENT SOFTWARE	И	7/1/2001	NEW (SPARE)
3/1/2000	Ì	1100 0000 0000 0000 0111		EMPTY	00	VHS	N/A		GENERAL USE (FIVE IN ONE PACK)	11	6/7/2005	NEW (SPARF)
3/1/2000 —	l	1101 0000 0000 0101 0001	11	EMPTY MEDIUM	10	DV	N/A	-	GENERAL USE (FIVE IN ONE PACK)	DIGITAL FORMAT FOR VIDEO USE	8/20/2000	NEW (SPARE)
		,										
										· · · · · · · · · · · · · · · · · · ·		, ,

710.51

1					SPAI	SPARE ARTICLE DATA	E DATA				3711.1.	
	DATE OF		100	TOP LEVEL	SECON	SECOND LEVEL		THIL	THIRD LEVEL		I IME BEFORE	PURCHASE
	COLLECTION	FULL DATA (FULL DIGITS)	TOP LEVEL CODE	TOP LEVEL	SECOND LEVEL CODE	SECOND	THTRD LEVEL CODE	TITLE	REMARKS 1	REMAKKS 2	EYPIRY 1r	SIAIUS
11	-	0000 1010 0000 0000 0101		CD-ROM	10	APPLI- CATION SOFIWARE	0000	` "DATA SEARCH"	DATA SEARCH, EXPLOITATION SOFTWARE	FOR PC USE	12/31/2000 PURCHASED	PURCHASED
1	ļ	0010 0000 0000 1000 0100	00	CD-ROM	10	APPL I- CATION SOFTWARP	1000	"TRANSLATION ASSISTANT"	JAPANESE ENGLISH TRANSLATION ASSISTANT	n n	7/1/2001	NEW (SPARE)
ı	i	0010 0010 0000 0000 1100	00	CD-ROM	10	APPL F- CAT FON SOFTWARE	0010	"INTERNET SUPPORT"	INTERNET USABILITY ENHANCFMENT SOFTWARE	li .	1005/1/2	NEW (SPAKE)
t		1100 0000 0000 00111	=	EMPTY	00	VHS	N, A	7.55	GENERAL USE (FIVE IN ONE PACK)	11	6/7/2005	NFW (SPARE)
Į.	I	1000 0000 0101 0001	=	EMPTY MEDIUM	01	DV	N/A		GENERAI. USE (FIVE IN ONE PACK)	DIGITAL FORMAT FOR VIDEO USE	8/20/2000	PURCHASED
1												
1												
l '												
l												

FIG. 58

CONTRACT SIGNER ID: 000125

	<u>د،</u>		<u> </u>	<u> </u>	<u>a</u> 1	e	æ						
	PURCHASE	STATUS	PURCHASED	COLLECTED	COLLECTED	COLLECTED	PURCHASE	NEW (SPAKF)	NEW (SPARE)	NEW (SPARE)	.,	ī	*
	TIME RFFORE	EXPIRY Tr	12/31/200 0	7/1/2001	7/1/2001	6/7/2005	8/20/2000	9/5/2008	10/24/2002	4/1/2010			
		REMARKS 2	FOR PC USE	4/	H		DIGITAL FORMAT FOR 8/20/2000 PURCHASED VIDEO USE		FOR PC USE				
	THIRD LEVEL	REMARKS 1	DATA SEARCH, EXPLOITATION SOFTWARE	JAPANESE ENGLISH TRANSLATION ASSISTANT	INTERNET USABILITY ENHANCEMENT SOFTWARE	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	GENERAL USE (FIVE IN ONE PACK)	INTERNET EMAIL SOFTWARE	WITH SUBTITLE			
	THTE	T171.E	"DATA SEARCH"	"TRANSLATION ASSISTANT"	"INTERNET SUPPORT"	I	l	l	"EMA1L"	"XXX"			
E DATA		THTRD LEVEL CODE	0000	1000	0010	N/A	N/A	N/A	0011	0000			
SPARE ARTICLE DATA	SECOND LEVEL	SECOND LEVEL	APPLI- CATION SOFTWARE	APPL1- CATION SOFTWARE	APPLI- CATION SOPTWARE	VIIS	ΝCI	MD	APPL [- CAT 1 ON SOF TWARE	MOV1E			,
SPAG	SECOND	SECOND LEVEL CODE	10	. 10	10	00	01	10	10	00			
	EVEL	TOP LEVEL	CD-ROM	CD-ROM	CD-ROM	EMPTY MEDTUM	EMPTY MEDIUM	EMPTY MED LUM	CD ROM	DVD			
	TOP LEVEL	TOP LEVEL CODE	00	00	00	=	=	=	00	10			
		FULL DATA (FULL DIGITS)	0010 0000 0000 0101 0000	0010 0000 0000 0100	0010 0000 0000 0100	1100 0000 0000 0000 0111	1101 0000 0000 0101 0001	1110 0000 0000 0000 0101	1011 0000 0000 1100 0100	0001 0000 0000 0000 0010			
	DATE OF	COLLECTION Te		4/1/2000	4/1/2000	4/1/2000	l	1	in the second	l			
	DATE OF	PURCHASE Tp	3/10/2000	-		ı	3/1/2000 3/18/2000	I	-				
	DATE OF	DELIVERY Td	3/1/2000 3/10/2000	3/1/2000	3/1/2000	3/1/2000	1	4/1/2000	7 4/1/2000	8 4/1/2000		-	
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